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REMARKS/ARGUMENTS

Applicants assert that no new matter is presented by these amendments and respectfully request entry of the same.

In response to the Restriction Requirement mailed May 11, 2004, Applicants hereby elect Specie A: a first set of data which is biological sequence, with respect to the First specie election requirement; Specie D: a second set of data which is a protein information, with respect to the Second Specie Election Requirement; and further Applicants elect a protein domain sub-species as described in claims 51 and 65 with respect to the sub-species election requirement from Species D, without traverse.

Applicants have amended Claims 49, 51, 62, 63, and 65 without prejudice or disclaimer in response to the elections. Applicants also reserve the right to re-present non-elected subject matter in a divisional or other related application.

In response to the requirement to comply with 37 CFR § 1.821 through 1.825 with respect to the lack of a SEQ ID No cited along with each sequence, Applicants have amended the specification to include the corresponding SEQ ID Nos in the Brief Description of the Drawing section as required under §1.821(d). Applicants also respectfully assert that there is no need to list additional sequences in the sequence listing, and thus are not required to submit a new computer readable form, paper copy, or CD-ROM for the specification.

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CONCLUSION

For these reasons, Applicants believe all pending claims are now in condition for allowance. If the Examiner has any questions pertaining to this application or feels that a telephone conference would in any way expedite the prosecution of the application, please do not hesitate to call the undersigned at (781) 280-1522.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account 01-0431.

Applicants respectfully request that a timely Notice of Allowance be issued in this case.

Respectfully submitted,

By Zillin M. May M.

William R. McCarthy III, Reg. No.: 55,788

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